I st And Final Bill

Work code - 005-19-0000018

M. A. R. 57 (Rule 116)
Measurement Book

No. B Est cost Rs. 7.50 lacs

Serial No. ..... Improvements to Roads And Footpath in

Name of Work ..... Ward No. 05 ..... From ..... To .....

353160

Name of Contractor of nature of Agency ..... Sri. Suresh. K. .....

Date of commencement of work ..... Ananthapura village. Yelahanka. B.lore.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work orders No. - BBMP/EE/BTP/WO/45/2019-20.						
(1)	Earthwork excavation by manual means in hard soil Soil in working an average horizontal distance upto 50 mtrs and an average lift upto 0.30 mtr Excavated surface trimmed and sides neatly pressed the disposed earth to be conveyed neatly after breaking of clods Complete as per specification						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre-Measurement recorded vide Page No. 353183 to 353184 in this MB.					92.84 m^3	
	Rate · 130 : 30						12097 : 05
	② Removing BS slab & drain and stacking.						
	As per Pre-Measurement recorded vide Page No. 353184 to 353186 in this MB.					580.80 m^2	
	Rate · 98 : 64						57290 : 11

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 353161

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	Refixing Stone Slabs & Grains and Quantity wide Item no. (7) Rate: 104:62					Painting in CM1:3 580.80 m²	60763:29
(4)	Providing and laying Granite Slabs & Selected Quality Granite dressed and fixed in CM1:6 including fixing curing etc. Complete 7.5 cm thick etc. complete as per Specification.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre. measurements recorded vide Page No. 353185 to 353186 in this MB. 2(A)					145.20 m²	Item No. 10127h:09
	Rate. 697:48						
(5)	Providing and laying in position plain cement Concrete of Mix M 1:4:8 with OPC Cement of 180 kgs/m³ 40 mm and down size graded granite metal Coarse aggregate of 0.892 cum and fine aggregate of 0.57 cum measure mixed Concrete laid in layers not exceeding 15cm thick well compacted in foundation and plinth beam by all means including curing complete as per Specification.						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

353162

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1		3	4	5	6	7	8
	As per Pre-Measurement recorded vide Page No. 353/86 in this MB. Rate 5083:63					3.90 m^3	1982b:15
(6)	Providing and constructing Granite/trap/basalt rubble stone masonry in foundation with cement mortar 1:6 stone hammered dressed at courses not less than 20 cms with bond stones at 2.0 m or apart in each course including						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cost & materials taken during course as per Specification.						
	As per Pre-measurement recorded vide Page No.. 353187 in Dig MB.					6.69 M^3	
	Rule. 4579:15						30636:22
(7)	Providing and constructing granite [Gneiss] Rubble stone masonry in basement with CM 1:6 using stones available dressed in courses as per given in Drawing with hard stones of 2.0 Nos along in each courses including cost & materials taken during course.						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 353163

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Culverts						
	① 12M Crack	2	6.30	0.50	0.45	2.83	
	② 13M Crack	2	6.10	0.50	0.45	2.74	
						5.57 M^3	
	Rate - 5463:26						30430:35
⑧	Providing and removing centering & shuttering including propping etc. and removal & form work for sides & seams beam haunching cross-wise bonding breastwork						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and Circles not exceeding 1.0 Mtr in depth including cost & all necessary labour Complete as per Specifications						
	As per Pre-Measurement recorded vide Page No.. 353187 to 353188 in Diary No.					14.66 m^2	
	Page. 290:95						4265:32
	(9) Providing and laying in position Plain Cement Concrete of Mix 1:3:6 with RC Cement of 22mm with 20mm and down size graded granite metal Coarse aggregate 0-8mm and fine aggregate 20.8mm						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

353164

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	making mixed Concrete Cast in Layers not exceeding 15cms thick well compacted in foundation and floor including Cost & necessary Labour curing complete as per Specification.						
	Quarters :-						
	①	2	6.30	0.50	0.10	0.63	
	②	2	6.10	0.50	0.10	0.61	
	Vent Cornice :-						
	①	1	6.30	0.50	0.10	0.31	
	②	1	6.10	0.50	0.10	0.30	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For Pers bottom.						
	2nd Main -						
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	10.00	0.25	0.10	0.25	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 353165

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	20.00	0.25	0.10	0.50	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	30.00	0.25	0.10	0.75	
		1	20.00	0.25	0.10	0.50	
						12.85 m^3	
(10)	Rate · 5289 : 89 Providing Flush Pointing to Coursed stone masonry with CM 1:3 20 mm deep after raking joints to desired						65330:14

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& 20mm nicely curing including cost & materials Labour curing complete as per Specification.						
	①	2	6.30	-	0.50	6.30	
	②	2	6.10	-	0.50	6.10	
						12.40 m^2	
	Rate · 96 : 65						1198 : 46
(11)	Providing and laying in position Plain Cement Concrete Mix M20 with OPC Cement at 320 kg/m³ 20mm aggregate graded granite metal Coarse aggregate at 0.878cum and fine aggregate at 0.459cum with superplasticizer at @ 1%						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

353166

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Conforming to IS 9103:1999 Reinforced concrete mixed ready for use is used for all works in foundation plinth and ground floor for roof slabs staircase lintels retaining walls return walls including attached plastering including cost & all necessary charges as per specification.						
	Curves						
	①	1	6.30	1.60	0.23	2.31	
	②	1	6.10	1.60	0.23	2.24	
	Missing slabs	2	1.60	0.60	0.23	0.44	
	Ref. 5638:63					4.99 M³	28136:76

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(12)	Providing TMT Steel reinforcements for RCC Work including Straightening cutting bending hooking Placing in Position tying and or welding wherever required tying with binding wire and overlapping to the adjoining members wherever necessary complete as per design (Lap hooks and wastage shall not be measured and paid) complete complete as per Specification.						
	As per Pre-Measurement recorded vide Page No. 353188 to 353189 in MB.					0.385 TON	
	Page. 70710:52						27223:17

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

353167

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(13) Providing and fixing pre cast solid cement concrete kerb stones made out of CC (1:2:4 with 20 mm and 6 mm graded stone aggregate) of size 114 mm and 150 mm respectively 400 mm long and 400 mm in length finished with CM (1:3) Plastered and finishing curing including formwork curing excluding cost of all material labour hire charges & necessary loading unloading leading etc of transportation etc.. complete as per specification.						
	2nd Main	1	30.00	-	-	30.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	30.00	-	-	30.00	
		1	10.00	-	-	10.00	
		1	20.00	-	-	20.00	
		1	30.00	-	-	30.00	

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M. A. R. 57 (Rule 116)

Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 353168

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	-	-	30.00	
		1	30.00	—	-	30.00	
		1	30.00	—	-	30.00	
		1	20.00	—	-	20.00	
						440.00	MBR
	Deduction						
	Existing kerb stones.						
		1	9.00	-	—	9.00	
		1	18.00	-	-	18.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	27.00	"	-	27.00	
		1	8.85	"	-	8.85	
		1	12.15	"	-	12.15	
		1	17.55	"	-	17.55	
		1	29.25	"	-	29.25	
		1	22.95	"	-	22.95	
		1	23.40	"	-	23.40	
		1	20.70	"	-	20.70	
		1	23.85	"	-	23.85	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 353169

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	22.05	-	-	22.05	
		1	20.70	-	-	20.70	
		1	8.10	-	-	8.10	
						263.25	MBR
	Net .	(440.00 - 263.25) :				176.75	MBR
			176.75 / 0.45		:	392.77	No.8
	Rate. 406:53		Limited to			391.11	No.8. 158997:94

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Applying priming Coat Over new Wood Surface and or wood based Surface preparing the Surface after thoroughly cleaning oil grease dirt and foreign matter Sand papering and knotting ready mix paint including Cost of materials Labour Complete as per Specification. 2nd Main.						
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 353170

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	10.00	1	0.30	3.00	
		1	20.00	1	0.30	6.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	-	0.30	9.00	
		1	20.00	-	0.30	6.00	
						132.00 m^2	
	Page - 49:82						6576:24
(15)	Providing and applying painting two coats (excluding priming coat) on new wood surface and on wood based surface with enamel paint to give an even shade cleaning the surface & all dirt dust and foreign matter sand papering including cost & necessary labour complete as per specification etc complete						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

353171

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd main	1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	
		1	30.00	1	0.30	9.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	10.00	-	0.30	3.00	
		1	20.00	-	0.30	6.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	20.00	-	0.30	6.00	
						132.00 M^2	
	Rate. 96:65						12757:80
(16)	Lead For Disposal & dealing surface of carriage Raised by Mechanical means						Payable including

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

353172

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Loading and unloading from 0.00 to 2.00 km ese. Contour as per Specification. Quantity vide item no. (1)					92.84 m^3	6380:89
	Rate. 68:73						625475:00

CJRC

25/9/19
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದ್ಯಾವರಾಯನಪುರ ಉಪ ವಿಭಾಗ

25/9/2019
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದ್ಯಾವರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate. (1) certified that the work done as per this bill. (2) This bill Amounts has not been claimed in any previous bill.		Telecom Layout 2nd main Road				
	25/9/19 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						
	C/F C						
	25/9/19 ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24						

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